Brain Drain from India

618. SHRI IQBAL SINGH: Will the PRIME MINISTER be pleased to state:

(a) what are the details of brain drain from India to foreign countries in various fields during the period 1990—93;

(b) the details of our young scientists and engineers who had gone abroad for higher studies have not returned after completing their studies during this period;

(c) whether Government have conducted any survey with respect to brain drain during this period;

(d) if so, the details thereof, institution-wise and State-wise;

(e) whether Government have studied the phenomenon and would evolve effective strategies to convince and motivate our scientists and engineers to come back after completing their studies abroad; and

(f) if so, what effective measures are being taken by Government to prevent brain drain from India to abroad?

THE MINISTER OF STATE IN PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY, SPACE WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BHUVNESH CHATURVEDI): (a) and (b) Some Indian scientists and technologists do migrate to foreign countries, but it has not been possible to maintain a record.

(c) and (d) No survey has been done to asses brain drain during 1990—93.

(e) and (f) Several steps have been taken from time to time by the Government to prevent brain drain and also to attract scientists and technologists settled abroad to return to India. Some of these are:

- Increase in the outlay for Science and Technology sector in successive Five Year Plans.
- Creation of new scientific Departments /Organisations.
- Setting up of more centres of excellence /advanced studies in Universities and academic institutions.
- Creation of core groups of professionals with necessary modern facilities required for pursuing research in new and frontier areas of science.
- S&T based training for entrepreneurial development.
- Delegation of enhanced administrative and financial powers to S&T institutions to improve working conditions of scientists.
- Manpower development training / retraining programmes through associateships / fellowships / courses.
- Provision for temporary placement of Scientists and Techno-crats under the scheme of Scientists Pool.
- Creation of supernumerary Posts.
- Invitation to distinguished men and women of Indian origin settled abroad for short term technical assignments to assist in frontier and emerging areas of S&T.

Concealment of Technical Report on Latur Quake

619. SHRI KRISHNA KUMAR BIRLA: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that the Department of Science and Technology has kept the technical report on the Latur quake a secret instead of making it public for the benifit of scientific community;

(b) if so, the reasons therefor;

(c) whether it is also a fact that several other Ministries have also been held responsible as per report of the Department; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY, SPACE WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BHUVNESH CHATURVEDI): (a) No Sir. Copies of the